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CENTRAL FAX CENTER

SEP 11 2008

In the Claims:

**Claim 1** (cancelled).

**Claim 2** (previously presented)      The method of claim <sup>1</sup> wherein the protein has been obtained from an extract from cells of the plant *Pilocarpus Heterophyllus* cultured *in vitro*.

**Claim 3** (previously presented)      The method of claim <sup>1</sup> wherein the cancers dependent on the growth factor GHRH are small-cell lung cancer or breast cancer.

**Claim 4** (previously presented)      The method of claim 3, wherein the cancer dependent on the growth factor GHRH is small-cell lung cancer.

**Claim 5** (previously presented)      The method of claim 3, wherein the cancer dependent on the growth factor GHRH is breast cancer.

<sup>1</sup>  
**Claim ~~6~~** (currently amended)      A method of treating a cancer dependent on growth factor GHRH in warm-blooded animals comprising administering to warm-blooded animals in need thereof an amount of an isolated protein obtained obtainable by aqueous extraction of *Pilocarpus Heterophyllus*, followed by ammonium sulfate precipitation and gel filtration chromatography said protein having a molecular mass of approximately 90.9 kDa determined by standard denaturing and reducing conditions and

comprises fragments of peptide sequences SEQ ID NO:1, SEQ ID NO:2 and SEQ ID NO:3 and being able to be presented in a glycosylated or non-glycosylated form sufficient to treat said cancer.